

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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m.m.
8/15/02

In re Application of: THATCHER, et al.
 Serial Number: 09/473,713
 Filed: December 29, 1999
 Group Art Unit: 1614
 Title: Methods and Compositions for Mitigating Pain
 Examiner: Delacroix-Muirheid, C.
 Agent Ref. No.: 1995-033-12US

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the Commissioner for Patents, Washington DC 20231 on the date set forth below:

16 July 2002 S. Scribner
 Date Stephen J. Scribner Reg. No. 44,452

Assistant Commissioner for Patents
 Washington, D.C. 20231

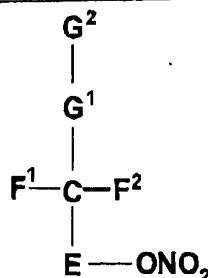
Dear Sir,

AMENDMENT and RESPONSE TO OFFICE ACTION

This is responsive to the Office Action dated January 16, 2002. A Petition for Extension of Time of three months and fee authorization are attached hereto. Please amend the instant application as shown below:

IN THE DISCLOSURE:

Please replace the formula on page 3, lines 15 to 19 with the following rewritten formula:



Please replace the paragraph on page 3, lines 21 to 22 with the following rewritten paragraph:

C2 in which E, F¹, F², G¹, and G² are the same or different organic radicals which may be joined in cyclic ring systems, and which may contain inorganic counterions;

Please replace the paragraph on page 3, lines 23 to 24 with the following rewritten paragraph:

C3 with the proviso that when E and G¹ are methylene groups and F¹ is H, G² is not a nitrate group, nor R^NZ^N;

Please replace the paragraph on page 4, lines 1 to 3 with the following rewritten paragraph:

C4 In a preferred embodiment, F² is a nitrate group and E, F¹, G¹, G² are the same or different organic radicals which may be joined in cyclic ring systems, and which may contain inorganic counterions;

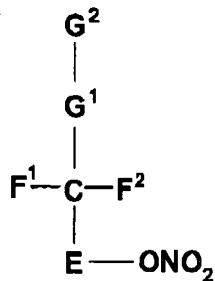
Please replace the paragraph on page 4, lines 4 to 5 with the following rewritten paragraph:

C5 with the proviso that when E and G¹ are methylene groups and F¹ is H, G² is not a nitrate group, nor R^NZ^N;

Please replace the paragraph on page 4, line 8 with the following rewritten paragraph:

C6 wherein R^{NN} is a short chain alkyl group (C₁ - C₁₂).

Please replace the formula on page 4, lines 15 to 19 with the following rewritten formula:



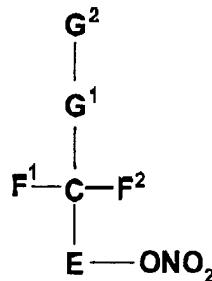
Please replace the paragraph on page 4, lines 20 to 22 with the following rewritten paragraph:

C8 in which F^2 is an organic radical which may be joined in a cyclic ring system with G^2 , and which may contain inorganic counterions; E and G^1 are both methylene groups; F^1 is H; and G^2 is $R^N\cdot Z^N$;

C9 Please replace the paragraph on page 4, lines 28 to 29 with the following rewritten paragraph:

In a preferred embodiment, F^2 is a nitrate group; E and G^1 are methylene groups; F^1 is H; and G^2 is $R^N\cdot Z^N$;

C10 Please replace the formula on page 5, lines 12 to 16 with the following rewritten formula:



C11 Please replace the paragraph on page 5, line 18 with the following rewritten paragraph:

in which E is $(R^1R^2C)_m$ and $G^2-G^1-CF^1F^2-$ is $R^{19}-(R^3R^4C)_p-(R^{17}R^{18}C)_n-$;

C12 Please replace the paragraph on page 8, line 19 to page 9, line 7 with the following rewritten paragraph:

where A is selected from: a substituted or unsubstituted aliphatic group (preferably a branched, or straight-chain aliphatic moiety having from 1 to 24 carbon atoms in the chain, which optionally may contain O, S, NR^6 and unsaturations in the chain, optionally bearing from 1 to 4 hydroxy, or nitrate, or amino or aryl, or heterocyclic groups; an unsubstituted or substituted cyclic aliphatic moiety having from 3 to 7 carbon atoms in the aliphatic ring, which optionally may contain O, S, NR^6 and unsaturations in the ring, optionally bearing from 1 to 4 hydroxy, or nitrate, or amino or aryl, or heterocyclic groups; an unsubstituted or substituted aliphatic moiety constituting a linkage of from 0 to 5 carbons, between R^1 and R^3 and/or between R^{17} and R^4 , which optionally may contain O, S, NR^6 and unsaturations in the linkage, and optionally bearing from 1 to 4 hydroxy, or

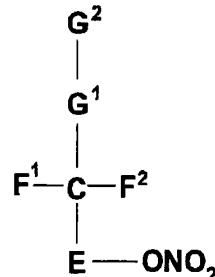
C 12
nitrate, or amino or aryl, or heterocyclic groups); a substituted or unsubstituted aliphatic group (preferably a branched, cyclic or straight-chain aliphatic moiety having from 1 to 24 carbon atoms in the chain), containing carbonyl linkages (e.g., C=O, C=S, C=NOH), which optionally may contain O, S, NR⁶ and unsaturations in the chain, optionally bearing from 1 to 4 hydroxy, or nitrate, or amino or aryl, or heterocyclic groups; a substituted or unsubstituted aryl group; a heterocyclic group; amino (including), arylamino, diarylamino, and alkylarylamino); hydroxy, alkoxy; a substituted or unsubstituted aryloxy;

Cont.

Please replace the paragraph on page 9, lines 20 to 23 with the following rewritten paragraph:

C 13
R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹, R¹², R¹³, R¹⁴, R¹⁵, R¹⁶ are the same or different alkyl or acyl groups containing 1 - 24 carbon atoms which may contain 1 - 4 ONO₂ substituents; or C₁ - C₆ connections to R¹ - R⁴ in cyclic derivatives; or are each independently hydrogen; a nitrate group; or W;

Please replace the formula on page 19, lines 15 to 19 with the following rewritten formula:

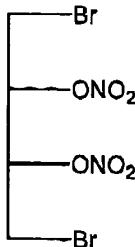
C 14

Please replace the paragraph on page 19, lines 20 to 21 with the following rewritten paragraph:

C 15
wherein: E, F¹, F², G¹, G² are the same or different organic radicals which may be joined in cyclic ring systems, and which may contain inorganic counterions.

C 16

Please replace formula IIIj on page 24 with the following rewritten formula:





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MESSAGE: